ABSTRACT OF THE DISCLOSURE

5 **SYSTEM AND PROCESS FOR ENHANCING METHOD CALLS OF SPECIAL PURPOSE OBJECT-ORIENTED PROGRAMMING LANGUAGES TO HAVE SECURITY ATTRIBUTES FOR ACCESS CONTROL**

A process, a system, an apparatus, and a computer program product are presented for generating and using an

10 enforcement construct within a special purpose object-oriented programming language in order to control access to a protected method. Within source code statements, the enforcement construct comprises an enforcement keyword that indicates an authorization

15 restriction on the invocation of an object-oriented method in conjunction with an identifier of an authorization method. In the runtime environment, when a call is initiated to an object-oriented method, a check is made as to whether the object-oriented method has been protected

20 by an enforcement construct. If so, then the authorization method is invoked, which determines whether an entity that is attempting to call or invoke the object-oriented method is authorized to execute the object-oriented method. If so, then the object-oriented

25 method is invoked, and if not, an error response may be returned to the calling entity.